

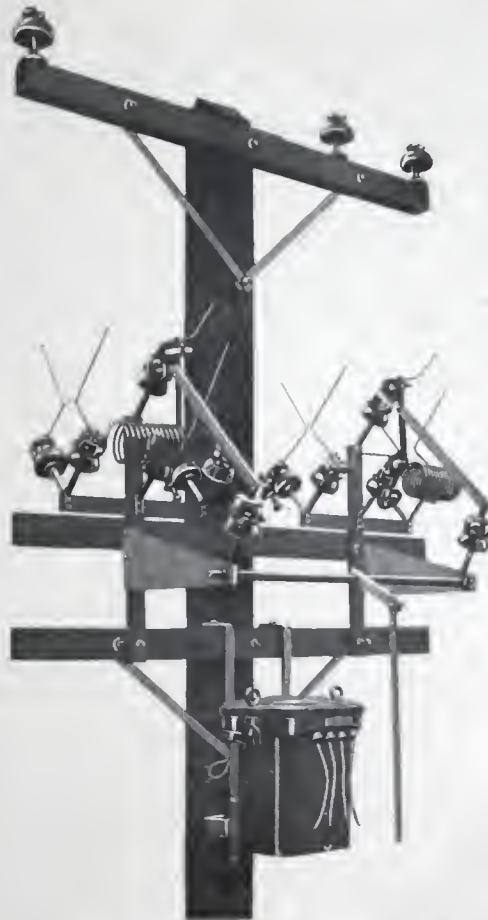
140-20.

SERVICE



QUALITY

FARM LINE SWITCHING EQUIPMENT



TYPE P. B., FORM 5 EQUIPMENT WITH REMOTE
CONTROL OPERATING MECHANISM

Designers, Engineers and Manufacturers of High and Low
Tension Switchgear and Accessories for Indoor
and Outdoor Service

Royal Electric Manufacturing Co.

606 East Fortieth Street
CHICAGO, U. S. A.

Bulletin No. 24
21-2

Royal Electric Manufacturing Co.

Prices and Data

List Prices given in this Bulletin are subject to discounts quoted on application. All prices are F. O. B. cars Chicago.

Prices and discounts are subject to change without notice.

All data and prices given in this Bulletin are published for the convenience of our customers. While every effort is made to avoid errors, this company does not guarantee the correctness of data or prices, nor does it assume responsibility for errors or omissions in this Bulletin.

DIMENSIONS.

All dimensions are in inches and for reference only, certified dimension drawings will be furnished on request.

PLACING ORDERS.

Use catalogue and bulletin numbers with type and form wherever possible.

SPECIAL EQUIPMENT.

When requesting prices on special equipment give detail information as complete as possible, a sketch with your request will be advantageous.

In addition to many designs shown in this bulletin numerous variations are possible and we are prepared to make up apparatus to meet any requirement.

CODES:

Western Union and the following code word for catalogue numbers:

M U L T I P H A S E
1 2 3 4 5 6 7 8 9 0

EXAMPLE:

Catalogue number 16022 would be the word MPEUU.

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Type P. B. Equipment

This line of equipment is designed primarily for Farm and other lines of moderate capacity, where the investment must be kept at a low figure.

No sacrifice has been made in factor of safety in order to reduce the cost of this equipment. This has been accomplished by radical changes in design and the elimination of all heavy castings, the only castings used being the insulator caps, which are of brass. Pins and bases are all made of steel.

Insulators used have a wet arcover voltage of 30000 and 55000 volts on the 6600 and 13200 volt sizes respectively, giving ample factor of safety.

This equipment is made in two sizes only—one rated at 6600 and the other at 13200 normal voltage. The 13200 volt equipment can be safely used on lines up to 16500 volts. Both sizes are of 150 amperes capacity.

All equipment has steel parts fully hot galvanized, including the operating mechanism of the remote controlled units. The operating shaft of all two and three pole remote controlled units rotates in bronze bushings.

Disconnecting switches are provided with blade guide and air break switches, with arcing horn in addition.

Choke coils are wound of solid copper wire and will carry their rated capacity of 150 amperes indefinitely.

Horn gap fuses are furnished on all standard units. But mountings for expulsion fuses (see page 9, Bulletin No. 22) or tetra ehloride fuses can be furnished at the option of customer at no advance in prices.

Operating mechanism is provided with 10 foot operating rod and locking operating lever, which lays parallel to the pole in closed position.

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Disconnecting Switches

TYPE P. B.

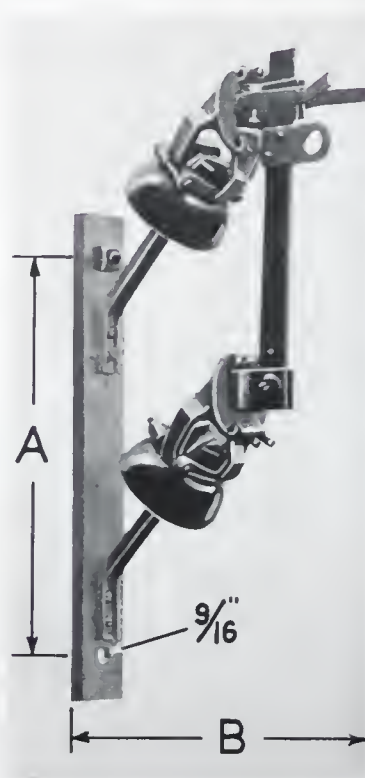


Fig. 2

Volts	Amps.	Cat. No.	List Price	Dimensions in Inches		Weight Packed
				A	B	
6600	150	26000	\$18.00	15½	11	20
13200	150	26001	24.00	17½	14	25

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Choke Coils

TYPE P. B.

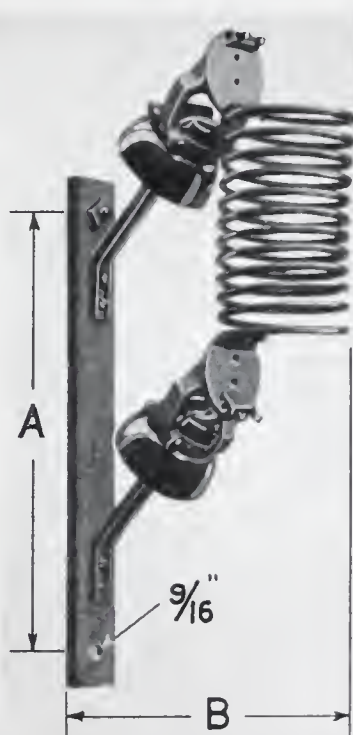


Fig. 3

Volts	Amps.	Cat. No.	List Price	Dimensions in Inches		Weight Packed
				A	B	
6600	150	26006	\$18.00	15½	12	20
13200	150	26007	24.00	17½	15	25

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Fuse Mountings

TYPE P. B.

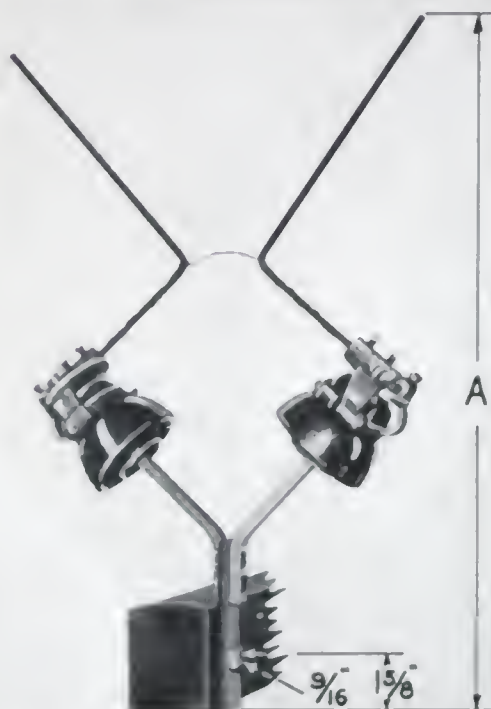


Fig. 4
Form 1

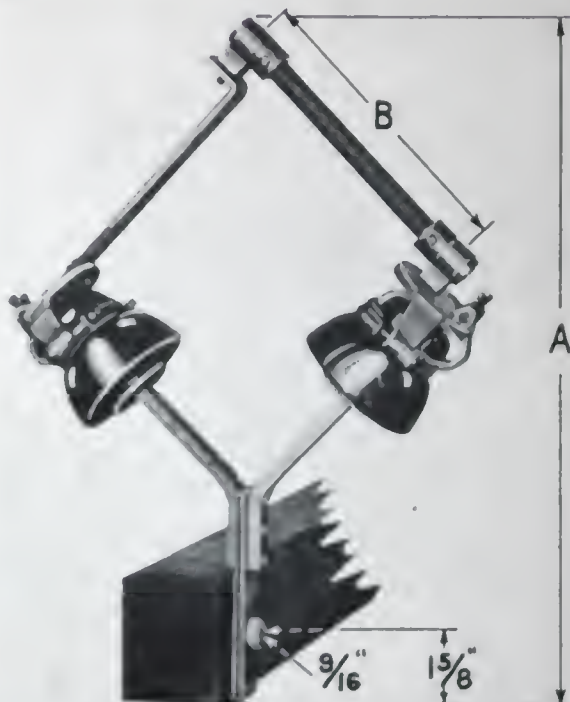


Fig. 5
Form 2

Volts	Amps.	Cat. No.	Form	List Price	Dimensions in Inches		Weight Packed
					A	B	
6000		26010	1	\$14.00	22		18
13200		26011	1	20.00	26		22
6600	0.60	26012	2	14.00	20	8	18
13200	0.60	26013	2	20.00	24	11 1/2	22

Either type of fuse mounting is furnished at same price.

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Combination Disconnecting Switch and Choke Coil

TYPE P. B.

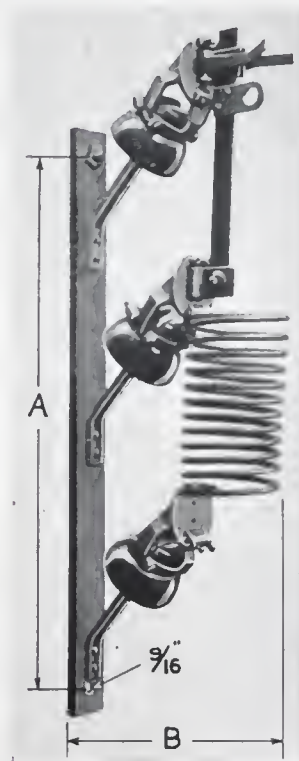


Fig. 6

Volts	Amps.	Cat. No.	List Price	Dimensions in Inches		Weight Packed
				A	B	
6600	150	26015	\$30.00	28	12	35
13200	150	26016	44.00	32	15	40

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Combination Disconnecting Switch and Fuse Mounting

TYPE P. B.

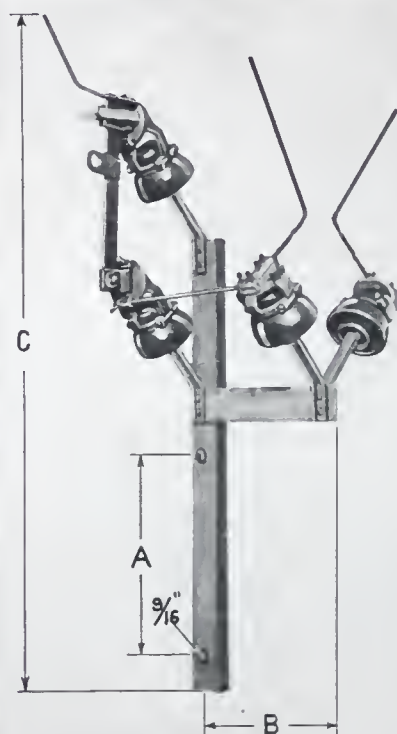


Fig. 7

Volts	Amps.	Cat. No.	List	Dimensions in Inches			Weight Packed
			Price	A	B	C	
6600	150	26020	\$32.00	12	10	38	35
13200	150	26021	48.00	12	12	44	40

Either Horn Gap Fuse or Expulsion Fuse Mountings can be furnished at same price. See Figs. 4 and 5, page 6, and Figs. 8 and 9, page 9.

Horn Gap Fuses will be furnished unless otherwise specified.

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Combination Choke Coil and Fuse Mounting

TYPE P. B.

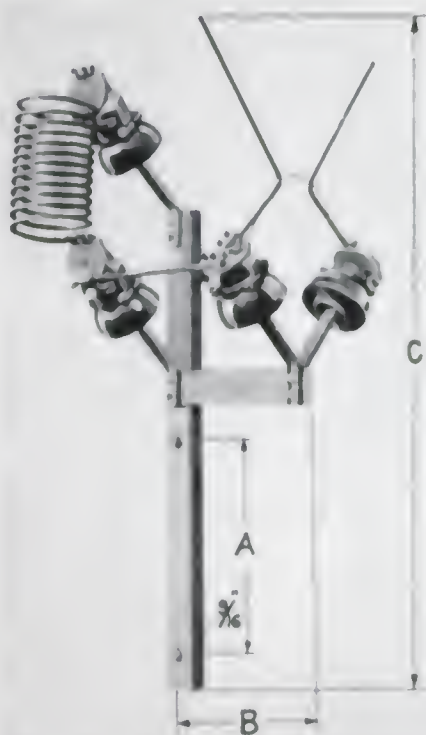


Fig. 8
Form 1

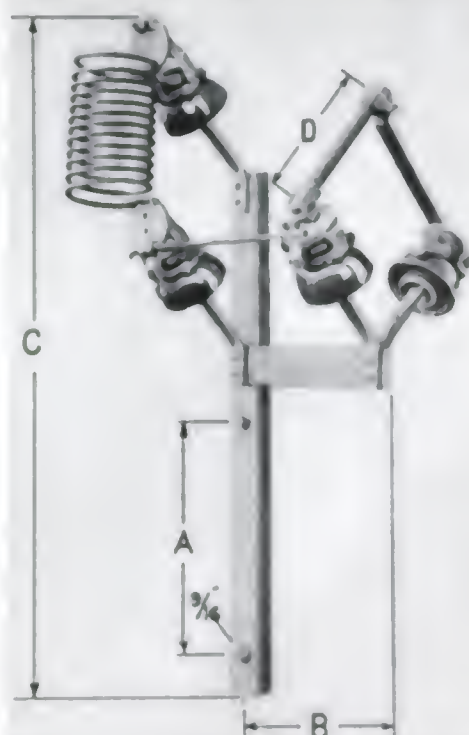


Fig. 9
Form 2

Volts	Amps.	Cat. No.	Form	List	Dimensions in Inches				Weight Packed
				Price	A	B	C	D	
6600	150	26025	1	\$32.00	12	10	38		35
13200	150	26026	1	48.00	12	12	44		40
6600	150	26027	2	32.00	12	10	38	8	35
13200	150	26028	2	48.00	12	12	44	11 1/2	40

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Combination Disconnecting Switch, Choke Coil and Fuse Mounting

TYPE P. B.

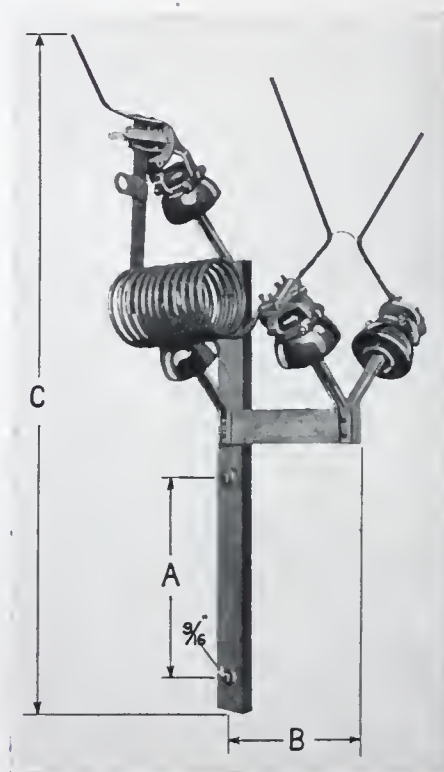


Fig. 10

Volts	Amps.	Cat. No.	List Price	Dimensions in Inches			Weight Packed
				A	B	C	
6600	150	26030	\$36.00	12	10	38	42
13200	150	26031	\$56.00	12	12	44	48

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Combination Disconnecting Switch, Choke Coil Fuse Mounting and Lightning Arrester

TYPE P. B.

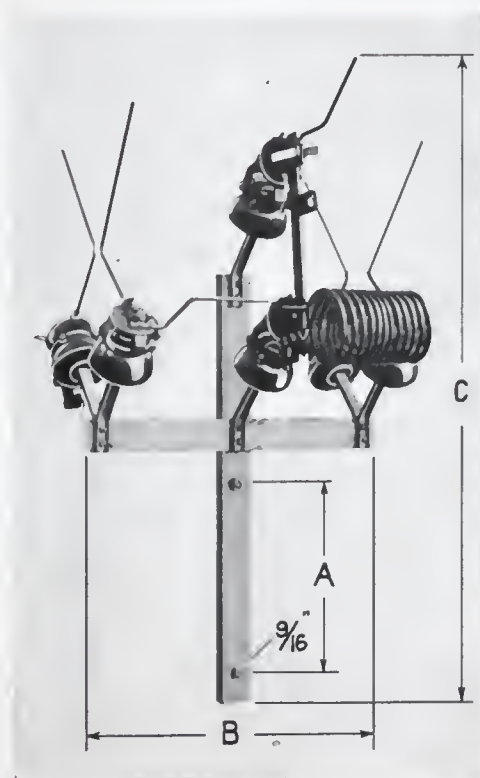


Fig. 11

Volts	Amps.	Cat. No.	List Price	Dimensions in Inches			Weight Packed
				A	B	C	
6600	150	26035	\$64.00	12	19	38	55
13200	150	26036	86.00	12	23	44	63

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Air Break Switch

Remote Control Operating Mechanism

TYPE P. B. FORM 1

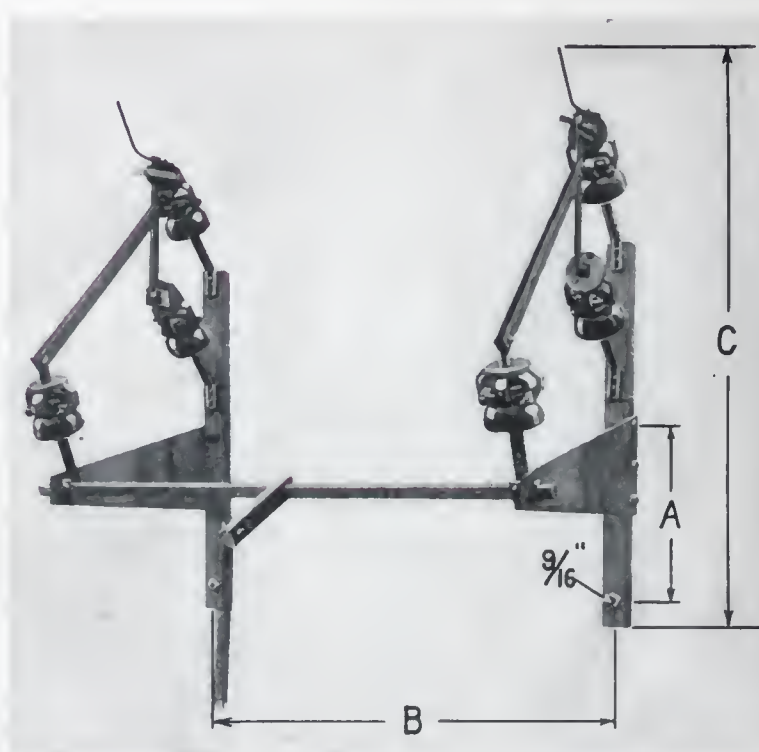


Fig. 12

Volts	Amps.	Cat. No.	No. of Poles	List Price	Dimensions in Inches			Weight Packed
					A	B	C	
6600	150	26040	2	\$78.00	12	36	38	70
6600	150	26041	3	120.00	12	72	38	105
13200	150	26042	2	100.00	12	42	44	80
13200	150	26043	3	150.00	12	84	44	115

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Air Break Switch

Remote Control Operating Mechanism

TYPE P. B. FORM 2

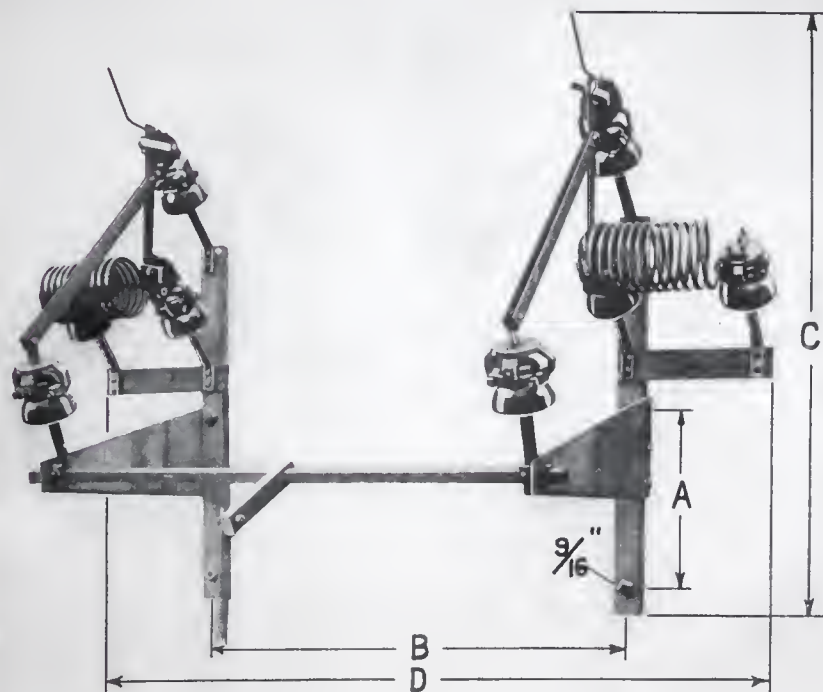


Fig. 13

Volts	Amps.	Cat. No.	No. of Poles	List Price	Dimensions in Inches				Weight Packed
					A	B	C	D	
6600	150	26045	2	\$96.00	12	36	38	56	80
6600	150	26046	3	140.00	12	72	38	92	115
13200	150	26047	2	120.00	12	42	44	66	90
13200	150	26048	3	180.00	12	84	44	108	125

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Air Break Switch

Remote Control Operating Mechanism

TYPE P. B. FORM 3

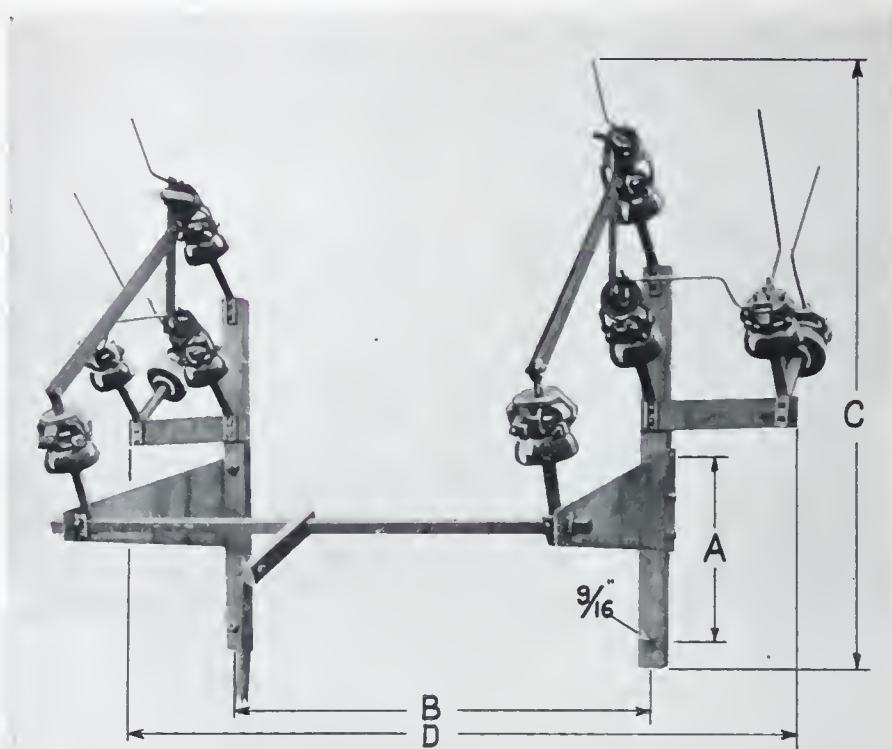


Fig. 14

Volts	Amps.	Cat. No.	No. of Poles	List Price	Dimensions in Inches				Weight Packed
					A	B	C	D	
6600	150	26050	2	\$104.00	12	36	38	56	80
6600	150	26051	3	152.00	12	72	38	92	115
13200	150	26052	2	132.00	12	42	44	66	90
13200	150	26053	3	200.00	12	84	44	108	125

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Air Break Switch

Remote Control Operating Mechanism

TYPE P. B. FORM 4

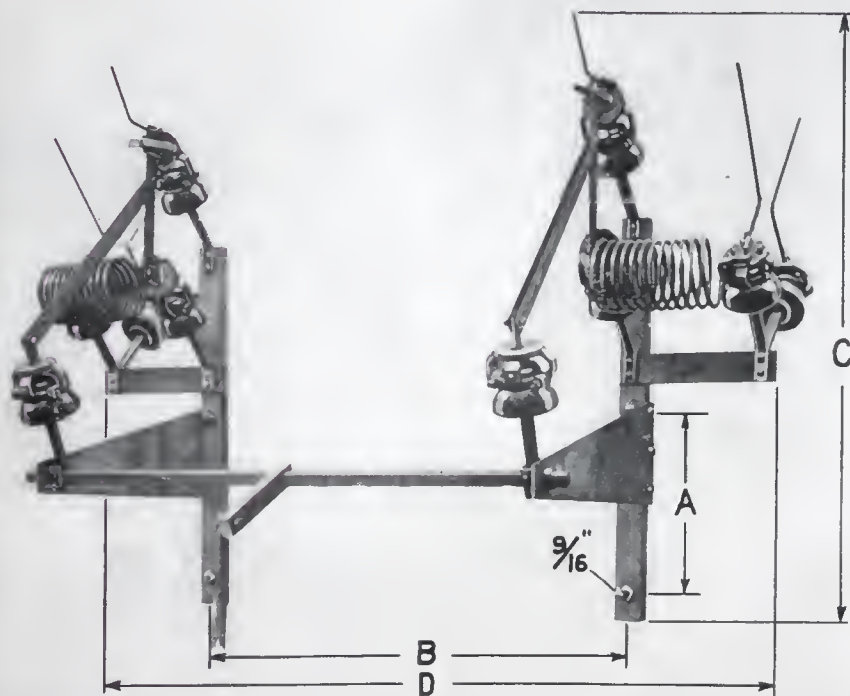


Fig. 15

Volts	Amps.	Cat. No.	No. of Poles	List Price	Dimensions in Inches				Weight Packed
					A	B	C	D	
6600	150	26055	2	\$110.00	12	36	38	56	90
6600	150	26056	3	160.00	12	72	38	92	125
13200	150	26057	2	140.00	12	42	44	66	100
13200	150	26058	3	212.00	12	84	44	108	135

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Air Break Switch

Remote Control Operating Mechanism

TYPE P. B. FORM 5

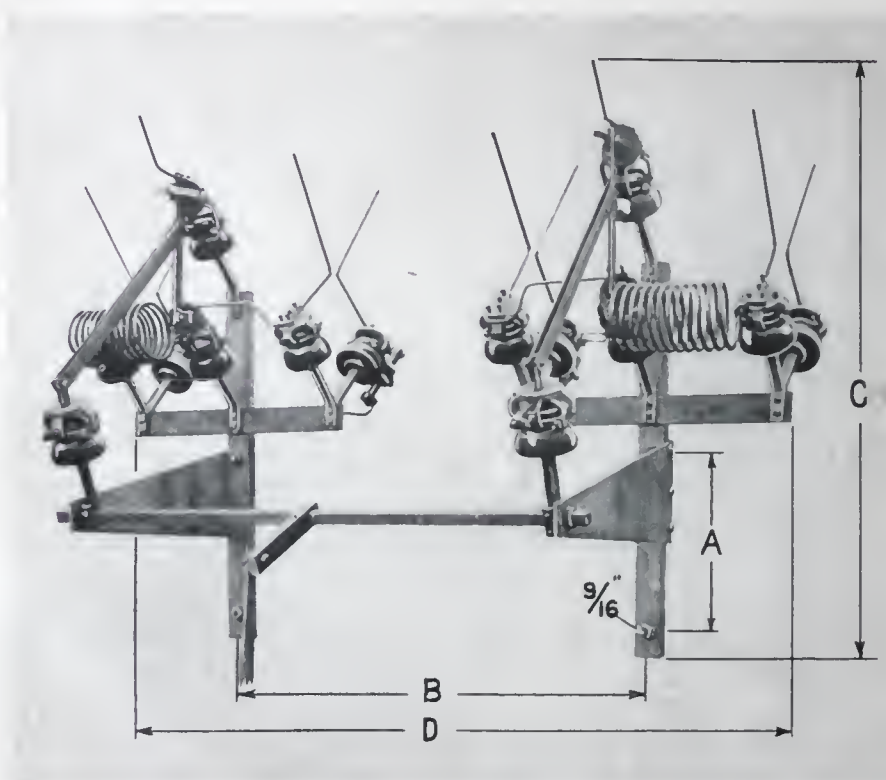


Fig. 16

Volts	Amps.	Cat. No.	No. of Poles	List Price	Dimensions in Inches				Weight Packed
					A	B	C	D	
6600	150	26060	2	\$150.00	12	36	38	56	100
6600	150	26061	3	220.00	12	72	38	92	135
13200	150	26062	2	200.00	12	42	44	66	110
13200	150	26063	3	300.00	12	84	44	108	145